

## NET SERIES COMMUNICATION AND SERVER CABINET



### INDUSTRY STANDARDS

UL 1863 Listed (perforated, split perforated and louvered door models only)

EIA 310-D

IEC 60529, IP20

Perforated door material meets equipment manufacturer ventilation requirements

### APPLICATION

Net Series Cabinets are an economical solution for contractors, small computer rooms, schools or smaller networks that require a general-purpose cabinet to house servers and communication equipment. Multiple sizes, adjustable rack angles and accessories give Net Series Cabinets wide application flexibility.

### FEATURES

- Includes two sets of adjustable L-shaped rack angles for convenient equipment mounting
- Rack angles on communication cabinets have tapped 10-32 holes per EIA standards. Order 10-32 fasteners separately.
- Rack angles on server cabinets have square holes per EIA standards. Order fasteners and cage nuts separately.

- Rack angle settings on all 700- and 800-mm wide cabinets can accommodate either 19- or 23-in. rack spacing
- In 600-mm wide cabinets, equipment mounted on 19-in. rack angles is centered
- In 700- and 800-mm wide cabinets, 19-in. rack angles can be set to center equipment or to mount equipment next to the left or the right side for improved cable management
- Rack angles infinitely positionable within the cabinet for easy adjustment to desired position
- All doors are field removable and reversible with left or right hinging for installation flexibility
- Communication cabinet has fully perforated or window front and louvered rear doors for equipment ventilation
- Server cabinet has fully perforated front and split rear perforated doors for easy access to servers
- Doors have key-locking handles that provide security with convenient access for authorized personnel
- Removable side panels with quarter-turn key-locking latch are inset for flush appearance
- Two cable entry ports with caps and grommets on cabinet top for wiring ease
- Fan-ready top with integral finger guard. Order up to two 6-in. fans separately.
- Caster- and leveler-ready open base design. Order casters and levelers separately.

### SPECIFICATIONS

- Some models available with or without sides
- Welded multi-formed steel frame. The top and columns are 16 gauge; base is 14 gauge.
- Multi-formed rigid doors are 14 gauge steel
- Window made of 1/8-in. smoke-tinted acrylic
- Formed solid sides are 14 gauge steel
- Rack angles are 12 gauge steel
- Ground studs provided on doors and covers

### FINISH

Pretreated steel coated with RAL 9005 black textured low-gloss polyester powder paint. Other finishes available—contact Hoffman Customer Service.

### LOAD RATING

1000 lb. (454 kg) per UL 1863 with load evenly distributed in enclosure

**NOTE: UL 1863 requires that the cabinet be tested with a load four times the rating. The cabinet was tested to 4000 lb. (1814 kg) without failure to meet the 1000 lb. (454 kg) rating. Contact Hoffman if other loading specifications are required.**

### ACCESSORIES

Net Series Rack Angles

Net Series Caster Kit

Net Series Leveler Kit

Net Series Joining Kit

Net Series Tool-less (Snap-in) Blanking Panels for 19-in. Racks

Net Series Vertical Tie-Down Cable Manager

Net Series Tool-less Shelf

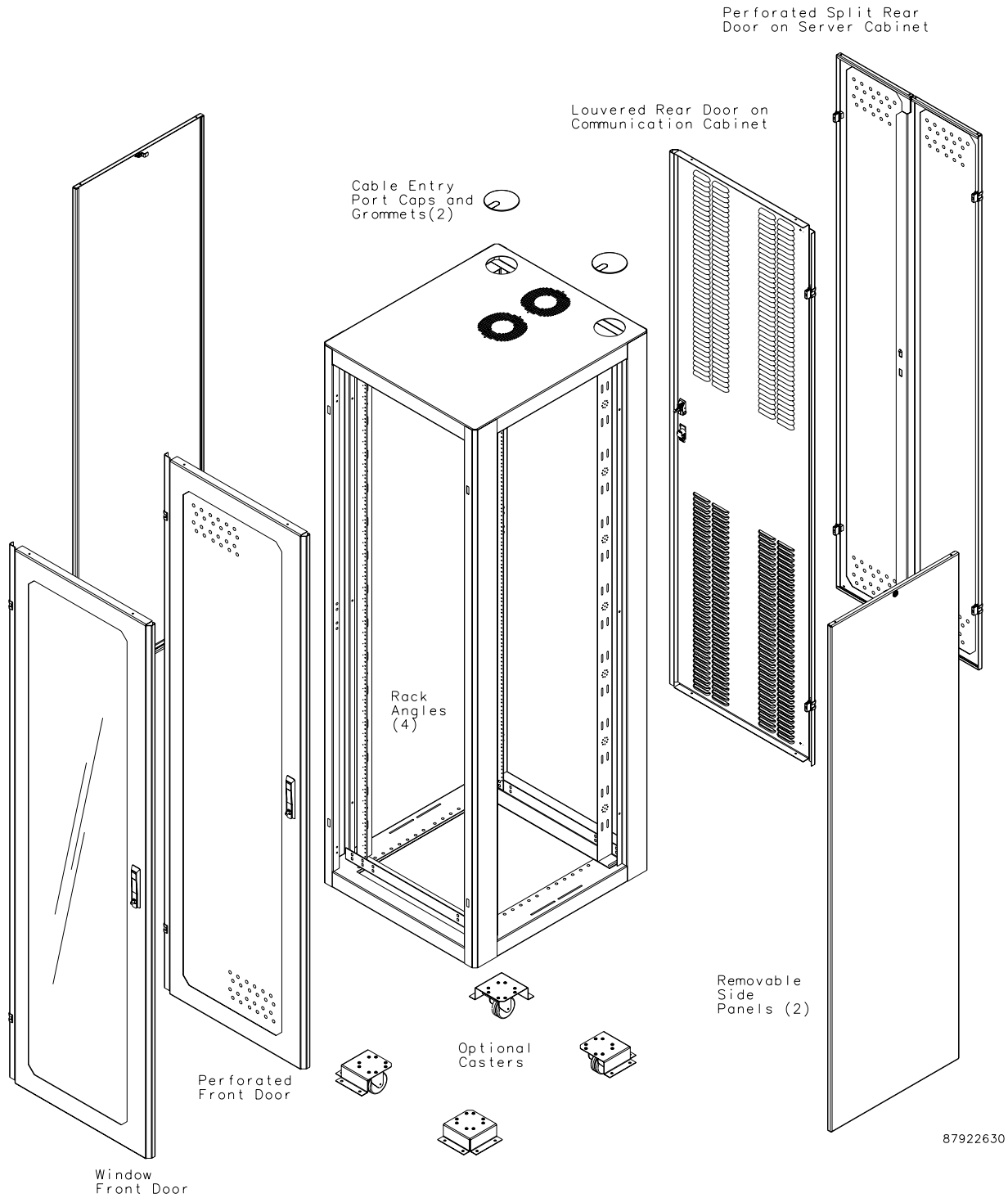
### BULLETIN: DC

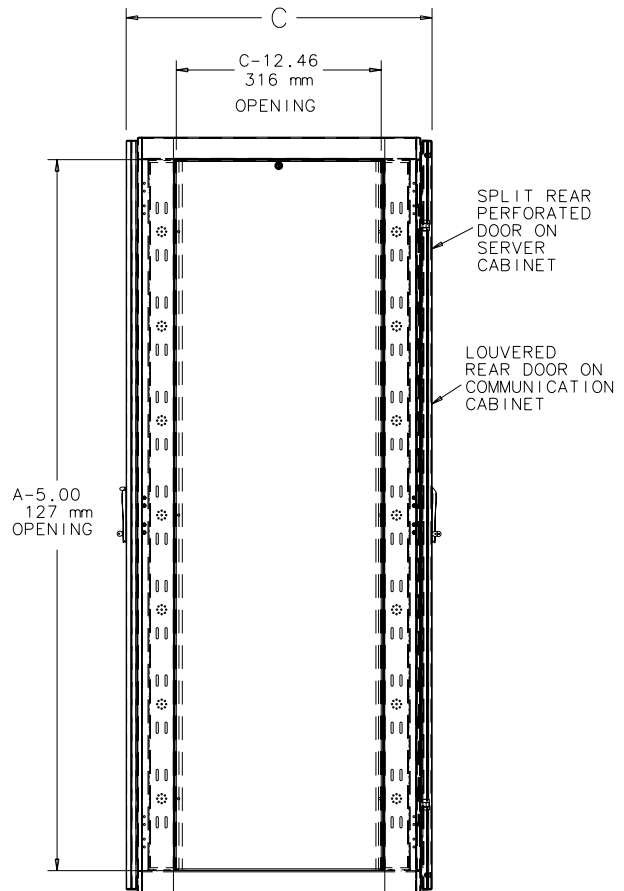
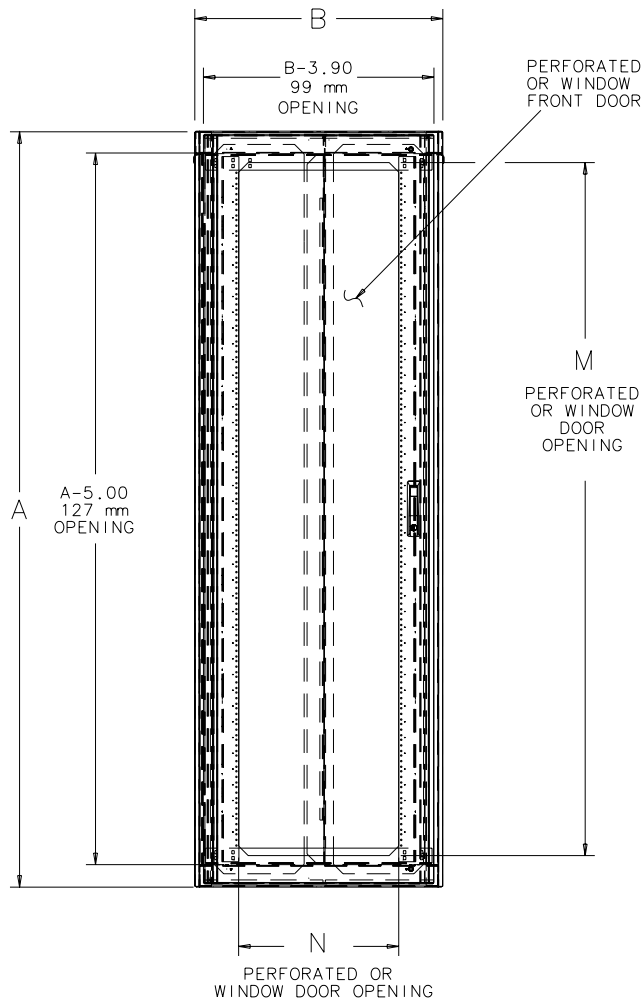
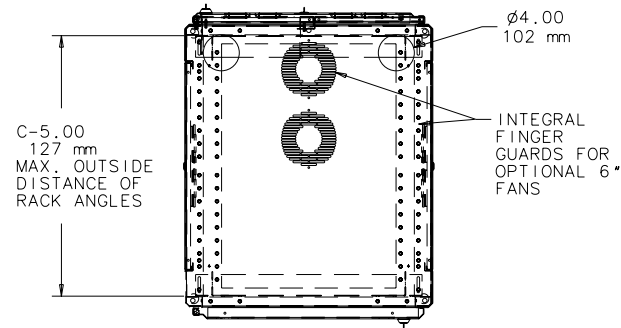
## Standard Product

| Catalog Number | AxBxC in./mm                               | Description                                    | Rack Units | M<br>in./mm   | N<br>in./mm  | Rack Angle Holes | Additional Rack Angles |
|----------------|--------------------------------------------|------------------------------------------------|------------|---------------|--------------|------------------|------------------------|
| NC1268         | 49.00 x 23.62 x 33.99<br>1245 x 600 x 863  | Communication Cabinet                          | 23         | 42.00<br>1067 | 14.71<br>374 | Tapped 10-32     | NRAT126                |
| NC2178         | 84.00 x 27.56 x 33.99<br>2134 x 700 x 863  | Communication Cabinet                          | 43         | 77.00<br>1956 | 18.65<br>474 | Tapped 10-32     | NRAT217                |
| NC2178NS       | 84.00 x 27.56 x 33.98<br>2134 x 700 x 863  | Communication Cabinet<br>No Sides              | 43         | 77.00<br>1956 | 18.65<br>474 | Tapped 10-32     | NRAT217                |
| NC2179         | 84.00 x 27.56 x 37.93<br>2134 x 700 x 963  | Communication Cabinet                          | 43         | 77.00<br>1956 | 18.65<br>474 | Tapped 10-32     | NRAT217                |
| NC21710        | 84.00 x 27.56 x 41.86<br>2134 x 700 x 1063 | Communication Cabinet                          | 43         | 77.00<br>1956 | 18.65<br>474 | Tapped 10-32     | NRAT217                |
| NC2188         | 84.00 x 31.50 x 33.99<br>2134 x 800 x 863  | Communication Cabinet                          | 43         | 77.00<br>1956 | 22.58<br>574 | Tapped 10-32     | NRAT218                |
| NC2189         | 84.00 x 31.50 x 37.93<br>2134 x 800 x 963  | Communication Cabinet                          | 43         | 77.00<br>1956 | 22.58<br>574 | Tapped 10-32     | NRAT218                |
| NC21810        | 84.00 x 31.50 x 41.86<br>2134 x 800 x 1063 | Communication Cabinet                          | 43         | 77.00<br>1956 | 22.58<br>574 | Tapped 10-32     | NRAT218                |
| NCW2168        | 84.00 x 23.62 x 33.99<br>2134 x 600 x 863  | Communication Cabinet, Window Door             | 43         | 77.00<br>1956 | 14.71<br>374 | Tapped 10-32     | NRAT216                |
| NCW2168NS      | 84.00 x 23.62 x 33.98<br>2134 x 600 x 863  | Communication Cabinet, Window Door<br>No Sides | 43         | 77.00<br>1956 | 14.71<br>374 | Tapped 10-32     | NRAT216                |
| NCW2178        | 84.00 x 27.56 x 33.99<br>2134 x 700 x 863  | Communication Cabinet, Window Door             | 43         | 77.00<br>1956 | 18.65<br>474 | Tapped 10-32     | NRAT217                |
| NCW2178NS      | 84.00 x 27.56 x 33.98<br>2134 x 700 x 863  | Communication Cabinet, Window Door<br>No Sides | 43         | 77.00<br>1956 | 18.65<br>474 | Tapped 10-32     | NRAT217                |
| NCW2188        | 84.00 x 31.50 x 33.99<br>2134 x 800 x 863  | Communication Cabinet, Window Door             | 43         | 77.00<br>1956 | 22.58<br>574 | Tapped 10-32     | NRAT218                |
| NS12610        | 49.00 x 23.62 x 41.86<br>1245 x 600 x 1063 | Server Cabinet                                 | 23         | 42.00<br>1067 | 14.71<br>374 | Square           | NRAS126                |
| NS2169         | 84.00 x 23.62 x 37.93<br>2134 x 600 x 963  | Server Cabinet                                 | 43         | 77.00<br>1956 | 14.71<br>374 | Square           | NRAS216                |
| NS2169NS       | 84.00 x 23.62 x 37.91<br>2134 x 600 x 963  | Server Cabinet<br>No Sides                     | 43         | 77.00<br>1956 | 14.71<br>374 | Square           | NRAS216                |
| NS21610        | 84.00 x 23.62 x 41.86<br>2134 x 600 x 1063 | Server Cabinet                                 | 43         | 77.00<br>1956 | 14.71<br>374 | Square           | NRAS216                |
| NS21610NS      | 84.00 x 23.62 x 41.85<br>2134 x 600 x 1063 | Server Cabinet<br>No Sides                     | 43         | 77.00<br>1956 | 14.71<br>374 | Square           | NRAS216                |
| NS21611        | 84.00 x 23.62 x 45.80<br>2134 x 600 x 1163 | Server Cabinet                                 | 43         | 77.00<br>1956 | 14.71<br>374 | Square           | NRAS216                |
| NS21612        | 84.00 x 23.62 x 49.74<br>2134 x 600 x 1263 | Server Cabinet                                 | 43         | 77.00<br>1956 | 14.71<br>374 | Square           | NRAS216                |
| NS21711        | 84.00 x 27.56 x 45.80<br>2134 x 700 x 1163 | Server Cabinet                                 | 43         | 77.00<br>1956 | 18.65<br>474 | Square           | NRAS217                |
| NS21811        | 84.00 x 31.50 x 45.80<br>2134 x 800 x 1163 | Server Cabinet                                 | 43         | 77.00<br>1956 | 22.58<br>574 | Square           | NRAS218                |

Tapped and square hole rack angles of the same size can be used interchangeably in communication and server cabinets. See rack angle table for available rack angles.

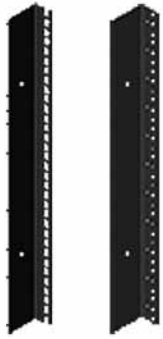
Catalog numbers with "NS" at the end have no sides.





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## NET SERIES RACK ANGLES



Rack angles are available with either 10-32 tapped or square mounting holes. Communication and server cabinets can use either tapped-hole or square-hole rack angles. Finish is RAL 9005 black, low-gloss smooth polyester powder paint. Shipped in sets of two with two mounting brackets and mounting hardware.

**BULLETIN: DCY**

| Catalog Number | Length<br>in./mm | Hole Type | Use with Net Series<br>Cabinet H x W |
|----------------|------------------|-----------|--------------------------------------|
| NRAT126        | 40.37<br>1025    | Tapped    | 1245 x 600                           |
| NRAT216        | 78.87<br>2003    | Tapped    | 2134 x 600                           |
| NRAT217        | 78.87<br>2003    | Tapped    | 2134 x 700                           |
| NRAT218        | 78.87<br>2003    | Tapped    | 2134 x 800                           |
| NRAS126        | 40.37<br>1025    | Square    | 1245 x 600                           |
| NRAS216        | 78.87<br>2003    | Square    | 2134 x 600                           |
| NRAS217        | 78.87<br>2003    | Square    | 2134 x 700                           |
| NRAS218        | 78.87<br>2003    | Square    | 2134 x 800                           |

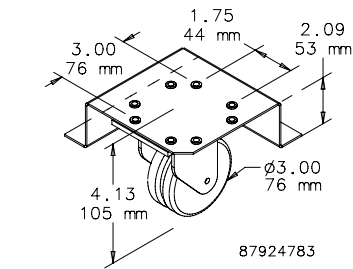
## NET SERIES CASTER KIT



These recessed ball-bearing casters allow Net Series Cabinet repositioning with a minimal effort. Casters add 2 in. to height of cabinet. Kit includes four casters, recessed brackets and mounting hardware.

**BULLETIN: DCY**

| Catalog Number | Description                                                  |
|----------------|--------------------------------------------------------------|
| NCK            | Set of four casters, recessed brackets and mounting hardware |



## NET SERIES LEVELER KIT

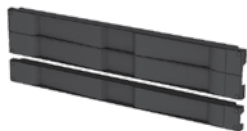


Leveler Kits allow adjustment of Net Series Cabinets for uneven floors. Can be used with casters to stabilize final installation.

**BULLETIN: DCY**

| Catalog Number | Description          |
|----------------|----------------------|
| NLK            | Set of four levelers |

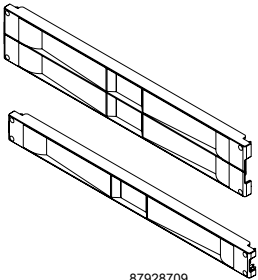
TOOL-LESS (SNAP-IN) BLANKING PANELS FOR 19-IN. RACKS



These Tool-less 19-in. Blanking Panels provide easy tool-less installation and ensure proper airflow to equipment. Made of black composite material and can be used with tapped or square EIA universal spaced rack mounting angles.

BULLETIN: DACCY

| Catalog Number | Description            | Rack Units | Fits                                                   | Pkg. Qty. |
|----------------|------------------------|------------|--------------------------------------------------------|-----------|
| D19BPT1RU      | Blanking Panel, 19 in. | 1          | 19 in., universal rack spacing, tapped or square holes | 10        |
| D19BPT2RU      | Blanking Panel, 19 in. | 2          | 19 in., universal rack spacing, tapped or square holes | 10        |



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NET SERIES VERTICAL TIE-DOWN CABLE MANAGER

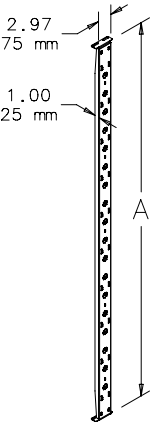


Hold larger cable bundles securely. VELCRO™ Cable Wraps provide convenient cable fastening and easy access to individual cables. One piece design. Holes provided for addition of cable transitions, spools, or D-Rings (order separately). Made of steel coated with RAL 9005 black polyester powder paint. Includes mounting hardware.

VELCRO is a trademark of Velcro Industries B.V.

BULLETIN: DCY

| Catalog Number | A in./mm      | Fits Cabinet Height |
|----------------|---------------|---------------------|
| NVCMTD12       | 40.37<br>1025 | 1245                |
| NVCMTD21       | 78.87<br>2003 | 2134                |



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## TOOL-LESS SHELF

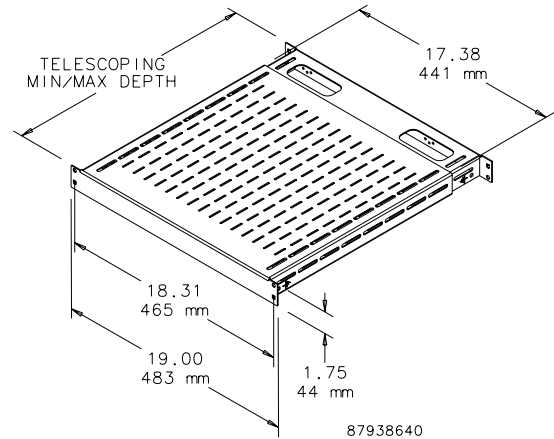


An easy-to-install tool-less vented 19-in. shelf. Mounts onto rack angles that have EIA-spaced square holes (.375 in.). Shelf slides open and provides a variable-sized, continuous surface for equipment. Back of shelf has oval cutouts for power and data cables. Accessory hole patterns at back of shelf fit small and large D-rings to help manage cable. Made of steel with a 150 lb. (68 kg) static load rating. Available with RAL 9005 black or RAL 7035 gray polyester powder coat finish.

**BULLETIN: DACCY**

| Catalog Number | Description                     | Finish | Minimum Depth mm/in. | Maximum Depth mm/in. |
|----------------|---------------------------------|--------|----------------------|----------------------|
| D19FVT69B      | Shelf, vented, 19 in. tool-less | Black  | 495<br>19.50         | 851<br>33.50         |
| D19FVT69G      | Shelf, vented, 19 in. tool-less | Gray   | 495<br>19.50         | 851<br>33.50         |
| D19FVT912B     | Shelf, vented, 19 in. tool-less | Black  | 792<br>31.20         | 1151<br>45.30        |
| D19FVT912G     | Shelf, vented, 19 in. tool-less | Gray   | 792<br>31.20         | 1151<br>45.30        |

Minimum and maximum depth measured from rack angle to rack angle.



## NET SERIES JOINING KIT

The joining kit enables joining Net Series Cabinets without sides to form a single bank of cabinets. Each kit joins two cabinets.

**BULLETIN: DCY**

| Catalog Number | Description            |
|----------------|------------------------|
| NJK            | Net Series Joining Kit |

**Notes**